Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A method of operating a wind power installation, the method comprising:

detecting a first light intensity in a region of direct light irradiation;

detecting a second light intensity in a shadowed region; and

shutting down the wind power installation if a difference between the first light intensity and the second light intensity is greater than a predetermined value.

2. (Previously Presented) A method according to claim 1 wherein shutting down the wind power installation includes shutting down the wind power installation only at a predetermined position of a sun.

3. (Previously Presented) A method according to claim 2 wherein the wind power installation is at least temporarily shut down at a predetermined position of the sun.

4. (Previously Presented) A method according to claim 2 wherein predetermined positions of the sun at which shutdown of the wind power installation can be triggered are stored in the wind power installation or at a control and/or data processing apparatus associated with the wind power installation.

5. (Previously Presented) A method according to claim 1, further comprising:

determining the difference between light and shadow using a plurality of light sensors; and

effecting an evaluation from the determined difference using a data processing program.

6. (Currently Amended) A wind power installation, comprising:

first means for detecting light intensity in a first region;

second means for detecting light intensity in a second region that is less illuminated relative to the first region; and

a data processing apparatus which controls the wind power installation and in which are stored positions of a sun or values representative thereof, wherein shutdown of the wind power installation ~~can~~ is adapted to take place based at least in part on a comparison between the detected light intensities and the stored positions of the sun or values representative thereof.

7. (Currently Amended) ~~A~~ The wind power installation according to claim 6 wherein ~~the wind power installation is coupled to~~ a plurality of light sensors ~~that~~ comprise the first and second means, ~~by means of~~through which respectively current intensity of light and shadow or intensity of light and shadow ascertained over a certain time is measured, and wherein data determined by the light sensors are processed by the data processing apparatus and the shutdown of the wind power installation is effected if a difference between light and shadow is above a value if a position of the sun is assumed.

8. (Currently Amended) ~~A~~ The wind power installation according to claim 7 wherein at least three substantially uniformly spaced said sensors are arranged around the wind power installation.

9. (Currently Amended) ~~A~~ The wind power installation according to claim 6, further comprising a display device to reproduce a status of shadow-based shutdown.

10. (Currently Amended) ~~A~~ The wind power installation according to claim 6 wherein beyond the stored positions of the sun, fresh positions of the sun for further immission points ~~can~~ are adapted to be stored, which is effected by programming.

11. (Previously Presented) A wind farm having a plurality of wind power installations according to claim 6.

12. (Currently Amended) A wind power installation, comprising:

a data processing apparatus which controls the wind power installation and in which are stored ~~the~~ sun positions ~~of the sun~~ or values representative ~~in that respect~~thereof, in respect of which shutdown of the installation ~~can~~ is adapted to take place,

~~characterised in that~~wherein the wind power installation is coupled to at least three light sensors which are arranged uniformly spaced around the wind power installation and ~~by means of~~through which ~~the~~ respectively current intensity of light and shadow or ~~the~~ intensity of light and shadow ascertained over a certain time is measured, and ~~that~~ wherein the data determined by the light sensors are processed by the data processing apparatus and shutdown of the wind power installation is effected if ~~the~~ a difference between light and shadow is above a predetermined value when a predetermined position of the sun is assumed.

13. (Currently Amended) A wind power system, comprising:

a first detector to detect a first light intensity in a first region;

a second detector to detect a second light intensity in a second region, the second light intensity being a lower light intensity relative to the first light intensity; and

a control system coupled to said first and second detectors and adapted to disable at least a portion of the wind power system if a difference between the first light intensity and the second light intensity is greater than a value.

14. (Previously Presented) The wind power system of claim 13 wherein the first and second detectors comprise part of a plurality of substantially uniformly spaced detectors to detect light intensity at different regions.

15. (Currently Amended) The wind power system of claim 13 wherein the control system ~~can~~ is adapted to disable the portion of the wind power system based on a comparison of a value associated with the detected first and second light intensities with stored values associated with a position of a sun.

16. (Currently Amended) The wind power system of claim 15 wherein the control system ~~can~~ is adapted to use software to perform the comparison of the value associated with the detected first and second light intensities with stored values associated with the position of the sun.